

IN THE CLAIMS

A listing of the entire set of pending claims (including amendments to the claims, if any is submitted herewith per 37 CFR 1.121. This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently amended) A hot filled plastic container comprising:
 - a bell portion, a body portion and a base;
 - wherein said bell portion includes a neck for passage of a hot filled product therethrough and a shoulder portion between said neck and said body portion;
 - ~~wherein said body portion is consists essentially of~~ having panel sections provided with respective flat outer surfaces, the panel sections joining one another along respective and
 - ~~corners[[],] wherein each of said panel sections is and being flat and flexible, each said panel section exhibiting flexibility operative to flex move between a bowed configuration and a planar configuration in response to temperature changes experienced by the container[[],] wherein each panel section is coupled to the adjoining panel section by one of the corners, wherein each corner is smooth, and~~
 - means for isolating the panel sections from the bell portion and the base to permit the panel sections to have sufficient flexibility to move between the bowed and planar configurations to act as vacuum panels.
2. (currently amended) The plastic container of claim 1 wherein each ~~smooth~~ corner is smooth and rounded.
3. (currently amended) The plastic container of claim 1 wherein each said ~~body portion~~ panel section extends between adjacent corners and has no ribs, no stress absorbing strips, no raised areas and no recessed areas.
4. (original) The plastic container of claim 1 further comprising a label engaging said panel sections.
5. (original) The plastic container of claim 4 wherein said label extends from the bottom of said neck to said base, including said panel sections.
6. (original) The plastic container of claim 1 wherein said container is a below-molded polypropylene container.

7. (original) The plastic container of claim 6, wherein said container is a beverage container which contains a hot filled beverage.
8. (original) The plastic container of claim 1 wherein said container has a top load rating of at least 80 pounds at room temperature or below.
9. (original) The plastic container of claim 1 wherein two opposing side panels have a mold line therein.
10. (original) A multilayer plastic container comprising at least one wall which defines an interior surface and an exterior surface of the container, wherein said wall is formed of seven layers with a first layer of polypropylene, a second layer of adhesive, a third layer of ethylene-vinyl alcohol polymer, a fourth layer of adhesive, a fifth layer of regrind, a sixth layer of adhesive, and a seventh layer of polyamide and wherein said first layer of polypropylene forms the exterior surface of the container and said seventh layer of polyamide forms the interior surface of the container.
11. (original) The plastic container of claim 11 wherein said container is a hot fill plastic container.
12. (original) The plastic container of claim 11 wherein said container is a blow-molded container.
13. (previously presented) The plastic container of claim 10 wherein said fifth layer of regrind forms about 70% or more of the thickness of said wall.
14. (previously presented) The plastic container of claim 13 wherein said first layer of polypropylene forms approximately 20% of the thickness of said wall.
15. (previously presented) The plastic container of claim 14 wherein said third and seventh layers each form approximately 2% of the thickness of said wall.
16. (original) A multilayer plastic container formed of a polymeric material, wherein said polymeric material comprises a layer of polypropylene, a layer of ethylene-vinyl alcohol polymer adhered to said layer of polypropylene, a layer of regrind adhered to said layer of ethylene-vinyl alcohol polymer, and a layer of amorphous nylon adhered to said layer of regrind, wherein said layer of amorphous nylon forms the interior surface of the container.
17. (original) The plastic container of claim 16 wherein said container is a hot fill plastic container.

18. (previously presented) The plastic container of claim 16 wherein said layer of regrind forms about 70% or more of the thickness of said polymeric materials.
19. (previously presented) The plastic container of claim 18 wherein said layer of polypropylene forms approximately 20% of the thickness of said polymeric material.
20. (previously presented) The plastic container of claim 19 wherein said layer of ethylene-vinyl alcohol polymer and said layer of amorphous nylon each form approximately 2% of the thickness of said polymeric material.

21. (currently amended) A hot filled plastic container comprising

a bell portion, a body portion and a base;

wherein said bell portion includes a neck for passage of a hot filled food product therethrough and a shoulder portion between said neck and said body portion, ~~and wherein~~ said body portion is having a polygonally shaped cross-section ~~generally rectangular in transverse cross-section and includes four~~ defined by a plurality of panel sections joined to one another along respective corners, ~~wherein~~ each of said panel sections is having a flat outer surface and being flat and flexible, each said panel section exhibiting flexibility to move operative to flex between a bowed and a planar configuration in response to temperature changes experienced by the container;

wherein said container is formed of a polymeric material, said polymeric material having a layer of poly propylene, a layer of ethylene-vinyl alcohol polymer adhered to said layer of polypropylene, a layer of regrind adhered to said layer of ethylene-vinyl alcohol polymer, and a layer of amorphous nylon adhered to said layer of regrind and;

wherein said layer of polypropylene forms an exterior surface of the container and said layer of amorphous nylon forms an interior surface of the container which is in contact with the hot filled food product.

22. (currently amended) The plastic container of claim 21 wherein said panel sections have no ribs, no stress absorbing strips, no raised areas and no recessed areas and extends between adjacent corners.
23. (original) The plastic container of claim 21 further comprising a label engaging said panel sections.
24. (original) The plastic container of claim 23, wherein said label extends from the bottom of said neck to said base, including said panel sections.

25. (original) The plastic container of claim 21, wherein said container is a blow-molded polypropylene container.
26. (original) The plastic container of claim 25, wherein said container is a beverage container which contains a hot filled beverage that includes at least 10 weight percent of a citrus or fruit juice.
27. (previously presented) The plastic container of claim 26, wherein said hot fill beverage includes approximately 50 weight percent of a citrus or fruit juice.
28. (original) The plastic container of claim 26, wherein said hot fill beverage includes fruit or citrus juice and a dairy product.
29. (original) The plastic container of claim 21, wherein said container has a top load rating of at least 80 pounds at room temperature or below.
30. (original) The plastic container of claim 21, wherein two opposing side panels have a mold line therein.
31. (previously presented) The plastic container of claim 21, wherein said layer of regrind forms at least 70% of the thickness of said polymeric material.
32. (previously presented) The plastic container of claim 3, wherein said means for isolating further comprising a first elevated ridge disposed between the body portion and the bell portion.
33. (previously presented) The plastic container of claim 32, wherein said means for isolating further comprises a second elongated ridge disposed around the circumference of the container between the body portion and the base.
34. (previously presented) The plastic container of claim 3, wherein said means for isolating further comprising an elongated ridge disposed around the circumference of the container between the body portion and the base.
35. (previously presented) The plastic container of claim 21 further comprising a first elevated ridge disposed around the body portion and the bell portion.
36. (previously presented) The plastic container of claim 35 further comprising a second elevated ridge disposed around the circumference of the container between the body portion and the base.

37. (previously presented) The plastic container of claim 21 further comprising an elevated ridge disposed around the circumference of the container between the body portion and the base.
38. (currently amended) A hot filled plastic container comprising:
a bell portion,
a body portion, generally rectangular in transverse cross section and including four sidewalls, each of said sidewalls having a flat outer surface and being flat and flexible, so as to exhibit flexibility to move operative to flex between a bowed configuration and a planar configuration in response to temperature changes experienced by the container;
a first elevated ridge disposed around the body portion and the bell portion;
a base; and
a second elevated ridge disposed around the circumference of the container between the body portion and the base,
wherein said bell portion includes a neck for passage of a hot filled food product therethrough and a shoulder portion between said neck and said body portion; and
wherein said first elevated ridge isolates the four sidewalls in the main body portion from the bell portion and the second elevated ridge isolates the four sidewalls in the main body portion from the base, so as to allow the sidewall to have sufficient flexibility to move between the bowed and planar configurations and so to act as vacuum panels.